

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/541, 594 B  
Source: IFWO  
Date Processed by STIC: 11/01/2006

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 11/01/2006

PATENT APPLICATION: US/10/541,594B

TIME: 11:40:38

Input Set : A:\275010.ST25.102506.txt

Output Set: N:\CRF4\11012006\J541594B.raw

```

3 <110> APPLICANT: Centre National de la Recherche Scient
4      Ecole Normale Superieure
5      Prochiantz, Alain
6      Volovitch, Michel
7      Trembleau, Alain
8      Joliot, Alain
9      Dupont, Edmond
11 <120> TITLE OF INVENTION: Composition for intracellular transport of biological
particles
12      or macromolecules.
14 <130> FILE REFERENCE: 275010US0XPCT
16 <140> CURRENT APPLICATION NUMBER: 10/541,594B
C--> 17 <141> CURRENT FILING DATE: 2005-07-07
19 <150> PRIOR APPLICATION NUMBER: PCT/FR03/03951
20 <151> PRIOR FILING DATE: 2003-12-31
22 <150> PRIOR APPLICATION NUMBER: FRANCE 03/00093
23 <151> PRIOR FILING DATE: 2003-01-07
25 <160> NUMBER OF SEQ ID NOS: 3
27 <170> SOFTWARE: PatentIn version 3.3
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 16
31 <212> TYPE: PRT
32 <213> ORGANISM: Drosophila melanogaster
35 <220> FEATURE:
36 <221> NAME/KEY: MISC_FEATURE
37 <222> LOCATION: (1)..(16)
38 <223> OTHER INFORMATION: Helix 3 of the pAntp homeodomain
40 <400> SEQUENCE: 1
42 Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
43 1          5          10          15
46 <210> SEQ ID NO: 2
47 <211> LENGTH: 16
48 <212> TYPE: PRT
49 <213> ORGANISM: Artificial
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Penetrin transduction domain motif. Xaa's at positions 1, 2,
4,
53      9, 15 and 16 are nonhydrophobic amino acids. Xaa's at positions
54      3, 7 and 14 are hydrophobic amino acids. Xaa's at positions 5,
55      8, and 10-13 are any amino acid.
58 <220> FEATURE:
59 <221> NAME/KEY: misc_feature
60 <222> LOCATION: (1)..(5)
61 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid

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63 <220> FEATURE:

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64 <221> NAME/KEY: misc_feature
65 <222> LOCATION: (7)..(16)
66 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
68 <400> SEQUENCE: 2
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71 1          5          10          15
74 <210> SEQ ID NO: 3
75 <211> LENGTH: 16
76 <212> TYPE: PRT
77 <213> ORGANISM: Artificial
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Penetrin transduction domain motif. Xaa's at positions 1, 2,
8,
81      13, 15 and 16 are nonhydrophobic amino acids. Xaa's at positions
82      3, 10 and 14 are hydrophobic amino acids. Xaa's at positions
83      4-7, 9, and 12 are any amino acid.
86 <220> FEATURE:
87 <221> NAME/KEY: misc_feature
88 <222> LOCATION: (1)..(10)
89 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
91 <220> FEATURE:
92 <221> NAME/KEY: misc_feature
93 <222> LOCATION: (12)..(16)
94 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
96 <400> SEQUENCE: 3
W--> 98 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Trp Xaa Xaa Xaa Xaa
99 1          5          10          15

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RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 11/01/2006  
PATENT APPLICATION: US/10/541,594B      TIME: 11:40:39

Input Set : A:\275010.ST25.102506.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 1,2,3,4,5,7,8,9,10,11,12,13,14,15,16  
Seq#:3; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,12,13,14,15,16

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:2,3

**VERIFICATION SUMMARY**

DATE: 11/01/2006

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Input Set : A:\275010.ST25.102506.txt

Output Set: N:\CRF4\11012006\J541594B.raw

L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:70 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0

L:98 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0